

GenCore version 5.1.6
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OW protein - protein search, using sw model1

Run on: March 7, 2005, 07:04:37 ; Search time 41.8407 Seconds
(without alignments)
702.945 Million cell updates/sec

Title: US-09-939-537-29_COPY_1_394

Perfect score: 2029
Sequence: 1 NMRGVPFRRLVLVLQALP.....SGQVLESNIKVLPTWSTPV 394

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep:*
4: /cgn2_6/prodata/1/1aa/6B_COMB.pep:*
5: /cgn2_6/prodata/1/1aa/6C_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/6D_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2029	100.0	398	2	US-08-284-391B-29
2	2029	100.0	398	4	US-09-218-950-29
3	2029	100.0	398	4	US-08-394-388A-29
4	2029	100.0	458	3	US-08-466-368-4
5	2029	100.0	462	2	US-08-417-495-5
6	2029	100.0	462	2	US-08-284-391B-5
7	2029	100.0	462	3	US-09-218-950-5
8	2029	100.0	462	4	US-08-394-388A-5
9	2029	100.0	462	5	PCT-US92-01785-5
10	2029	100.0	462	5	PCT-US95-00454-5
11	2029	100.0	532	2	US-08-417-495-6
12	2029	100.0	532	2	US-08-284-391B-6
13	2029	100.0	532	3	US-09-218-950-6
14	2029	100.0	532	4	US-08-394-388A-6
15	2029	100.0	532	5	PCT-US92-01785-6
16	2029	100.0	532	5	PCT-US95-00454-6
17	2029	100.0	575	2	US-08-417-495-4
18	2029	100.0	575	2	US-08-284-391B-4
19	2029	100.0	575	3	US-09-218-950-4
20	2029	100.0	575	4	US-08-394-388A-4
21	2029	100.0	575	5	PCT-US92-01785-4
22	2029	100.0	575	5	PCT-US95-00454-4
23	2029	100.0	630	4	US-08-472-888A-6
24	2029	99.6	437	4	US-08-328-500-9
25	2029	99.4	402	1	US-08-236-311-1
26	2017	99.4	402	3	US-08-457-918-1
27	2017	99.4	402	4	US-10-157-408-1

28	2015	99.3	458	3	US-09-039-555B-15	Sequence 15, Appl
29	2007	98.9	458	3	US-09-517-605-3	Sequence 2, Appl
30	2001	98.6	394	3	US-08-466-368-2	Sequence 2, Appl
31	2001	98.6	394	4	US-08-328-500-2	Sequence 2, Appl
32	1997	98.4	458	4	US-10-092-138A-25	Sequence 25, Appl
33	1989	98.0	458	6	5223394-7	Patent No. 5223394
34	1989	98.0	458	6	5223394-7	Patent No. 5223394
35	1951	96.2	394	6	5223418-2	Patent No. 5223418
36	1951	96.2	394	6	5223418-2	Patent No. 5223418
37	1904	93.8	434	1	US-08-236-311-4	Sequence 4, Appl
38	1904	93.8	434	3	US-08-457-918-4	Sequence 4, Appl
39	1904	93.8	434	4	US-10-157-408-4	Sequence 4, Appl
40	1892	93.2	433	2	US-08-867-149-1	Sequence 1, Appl
41	1892	93.2	433	2	US-08-808-374-1	Sequence 1, Appl
42	1887	93.0	433	3	US-09-100-409A-1	Sequence 1, Appl
43	1695	83.5	433	6	5171838-13	Patent No. 5171838
44	1695	83.5	433	6	5171838-13	Patent No. 5171838
45	1368	67.4	318	6	5223394-11	Patent No. 5223394

ALIGNMENTS

RESULT 1
US-08-284-391B-29
Sequence 29, Application US/08284391B
Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kojanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Clark & Elbling LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
ATTORNEY/AGENT INFORMATION:
NAME: Elbling, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-284-391B-29

Query Match 100.0%; Score 2029; DB 2; Length 398;
Best Local Similarity 100.0%; Pred. No. 1.1e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 NMRGVPFRLHLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFTMKNSNOIK 60
DB 1 NMRGVPFRLHLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFTMKNSNOIK 60
QY 61 IIGNQGSLFTKGPSKLNDRADRSRLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYQL 120
DB 61 IIGNQGSLFTKGPSKLNDRADRSRLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYQL 120
QY 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPGKNIQGGKTLTSSQLELQDSG 180
DB 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPGKNIQGGKTLTSSQLELQDSG 180
QY 181 TWTCYVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTSGSELWM 240
DB 181 TWTCYVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTSGSELWM 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOVAGSGNLTIA 300
DB 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOVAGSGNLTIA 300
QY 301 LEAKTGKLEHGVNLVVMRATOLQKNLTCEWGPSTSPKMLSLKENKEAKVSKREKPVWV 360
DB 301 LEAKTGKLEHGVNLVVMRATOLQKNLTCEWGPSTSPKMLSLKENKEAKVSKREKPVWV 360
QY 361 LNPEAGMOCILSDSGOVLLESNIKVLPWTSTPV 394
DB 361 LNPEAGMOCILSDSGOVLLESNIKVLPWTSTPV 394
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RESULT 2

US-09-218-950-29

Sequence 29, Application US/09218950
Patent No. 6284240

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
NUMBER OF SEQUENCES: 53
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/218, 950

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284, 391

FILING DATE: 02-AUG-1994

APPLICATION NUMBER: 08/195, 395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847, 566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665, 961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX:

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 398 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-218-950-29

Query Match 100.0%; Score 2029; DB 3; Length 398;
Best Local Similarity 100.0%; Pred. No. 1.1e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 NMRGVPFRLHLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFTMKNSNOIK 60
QY 61 IIGNQGSLFTKGPSKLNDRADRSRLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYQL 120
DB 61 IIGNQGSLFTKGPSKLNDRADRSRLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYQL 120
QY 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPGKNIQGGKTLTSSQLELQDSG 180
DB 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPGKNIQGGKTLTSSQLELQDSG 180
QY 181 TWTCYVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTSGSELWM 240
DB 181 TWTCYVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTSGSELWM 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOVAGSGNLTIA 300
DB 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOVAGSGNLTIA 300
QY 301 LEAKTGKLEHGVNLVVMRATOLQKNLTCEWGPSTSPKMLSLKENKEAKVSKREKPVWV 360
DB 301 LEAKTGKLEHGVNLVVMRATOLQKNLTCEWGPSTSPKMLSLKENKEAKVSKREKPVWV 360
QY 361 LNPEAGMOCILSDSGOVLLESNIKVLPWTSTPV 394
DB 361 LNPEAGMOCILSDSGOVLLESNIKVLPWTSTPV 394
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RESULT 3

US-08-394-388A-29

Sequence 29, Application US/08394388A
Patent No. 6753162

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
NUMBER OF SEQUENCES: 53
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-394-388A-29

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Query Match 100.0%; Score 2029; DB 4; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.1e-168; Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MNRGVPFRHLLVQLALPPAATQGNKVVVGKKGDVLELTCTASQKKSIOFHKNSNOIK 60
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DB 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIEBSPDYICEVEQKEEVOL 120
QY 121 LVFGLTANSDTHLLOQSITLTLESPPGSSPSVQCSPRGKNIQGGKTLSVSQLEIODSG 180
DB 121 LVFGLTANSDTHLLOQSITLTLESPPGSSPSVQCSPRGKNIQGGKTLSVSQLEIODSG 180
QY 181 TWTCVLOQKQKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240
DB 181 TWTCVLOQKQKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240
QY 241 QAEKASSSSKSWITFDLKNKEVSVKRYTODPKLOMGKKLPLHLTLPPALPOYAGSGNLTLLA 300
DB 241 QAEKASSSSKSWITFDLKNKEVSVKRYTODPKLOMGKKLPLHLTLPPALPOYAGSGNLTLLA 300
QY 301 LEAKTKGLHOEVNLVYMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360
DB 301 LEAKTKGLHOEVNLVYMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360
QY 361 LNPBAGMOCILSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPBAGMOCILSDSGOVLLESNIKVLPTWSTPV 394

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RESULT 4
US-08-466-368-4

; Sequence 4, Application US/08466368
; Patent No. 6093539

; GENERAL INFORMATION:
; APPLICANT: Maddon, Paul J.
; APPLICANT: Littman, Dan R.
; APPLICANT: Chess, Leonard
; APPLICANT: Axel, Richard
; APPLICANT: Weis, Robin

```

APPLICANT: McDougal, J. S.
TITLE OF INVENTION: DNA ENCODING THE T CELL SURFACE PROTEIN
TITLE OF INVENTION: T4 AND USE OF FRAGMENTS OF T4 IN THE TREATMENT OF AIDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,368
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 24577-EI-B/JPW/ARC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 458 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-368-4

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Query Match 100.0%; Score 2029; DB 3; Length 458;

Best Local Similarity 100.0%; Pred. No. 1.3e-168; Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MNRGVPFRHLLVQLALPPAATQGNKVVVGKKGDVLELTCTASQKKSIOFHKNSNOIK 60
DB 1 MNRGVPFRHLLVQLALPPAATQGNKVVVGKKGDVLELTCTASQKKSIOFHKNSNOIK 60
QY 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIEBSPDYICEVEQKEEVOL 120
DB 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIEBSPDYICEVEQKEEVOL 120
QY 121 LVFGLTANSDTHLLOQSITLTLESPPGSSPSVQCSPRGKNIQGGKTLSVSQLEIODSG 180
DB 121 LVFGLTANSDTHLLOQSITLTLESPPGSSPSVQCSPRGKNIQGGKTLSVSQLEIODSG 180
QY 181 TWTCVLOQKQKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240
DB 181 TWTCVLOQKQKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240
QY 241 QAEKASSSSKSWITFDLKNKEVSVKRYTODPKLOMGKKLPLHLTLPPALPOYAGSGNLTLLA 300
DB 241 QAEKASSSSKSWITFDLKNKEVSVKRYTODPKLOMGKKLPLHLTLPPALPOYAGSGNLTLLA 300
QY 301 LEAKTKGLHOEVNLVYMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360
DB 301 LEAKTKGLHOEVNLVYMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360
QY 361 LNPBAGMOCILSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPBAGMOCILSDSGOVLLESNIKVLPTWSTPV 394

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RESULT 5

US-08-417-495-5

; Sequence 5, Application US/08417495

; Patent No. 5843728

; GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Redirection of Cellular Immunity by
TITLE OF INVENTION: Receptor
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION NUMBER: US/08/417,495
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/203,866
FILING DATE:
APPLICATION NUMBER: US/07/847,566
FILING DATE:
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/119002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-417-495-5

Query Match 100.0%; Score 2029; DB 2; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.3e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLIVLQALPPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHWKNSNOIK 60
DB 1 MNRGVFRRHLIVLQALPPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHWKNSNOIK 60
QY 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEEQKEEVOL 120
DB 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEEQKEEVOL 120
QY 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTISSVSLBLQDSG 180
DB 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTISSVSLBLQDSG 180
QY 181 TWTCTVLQNOQKVEFKIDIVLAFQKASSIVYKKEGQVEFSPPLAFTVEKLTGSGELMW 240
DB 181 TWTCTVLQNOQKVEFKIDIVLAFQKASSIVYKKEGQVEFSPPLAFTVEKLTGSGELMW 240
QY 241 QARASSSSKSWITFDLKNKEVSYSKRTYQDPKLGKGLPLHLTLPOALPOYASSGNULTA 300
DB 241 QARASSSSKSWITFDLKNKEVSYSKRTYQDPKLGKGLPLHLTLPOALPOYASSGNULTA 300
QY 301 LBAKTGLTQHOEVNLYVMRATOLQKNLTCEYWGPTSPKLMSTLKENEAAYSKREKPVWY 360
DB 301 LBAKTGLTQHOEVNLYVMRATOLQKNLTCEYWGPTSPKLMSTLKENEAAYSKREKPVWY 360
QY 361 LNPBAGMOCCLSDSGQVILLESNIKVLPTWSTPV 394

Db 361 LNPBAGMOCCLSDSGQVILLESNIKVLPTWSTPV 394

RESULT 6
US-08-284-391B-5
Sequence 5, Application US/08284391B
Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-284-391B-5

Query Match 100.0%; Score 2029; DB 2; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.3e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLIVLQALPPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHWKNSNOIK 60
DB 1 MNRGVFRRHLIVLQALPPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHWKNSNOIK 60
QY 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEEQKEEVOL 120
DB 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEEQKEEVOL 120
QY 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTISSVSLBLQDSG 180
DB 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTISSVSLBLQDSG 180
QY 181 TWTCTVLQNOQKVEFKIDIVLAFQKASSIVYKKEGQVEFSPPLAFTVEKLTGSGELMW 240

DB 181 TWCTCTVLOQKVEFFIDIVLAFQKASSIVYKKEGEVFFPLAFTVEKLTGSGELMW 240
QY 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPDKLQMGKKLPLHLTLPLPOLPYAGSGNLTTLA 300
DB 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPDKLQMGKKLPLHLTLPLPOLPYAGSGNLTTLA 300
QY 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSTLKNKEAKVSKREKRVWV 360
DB 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSTLKNKEAKVSKREKRVWV 360
QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394

RESULT 7

US-09-218-950-5
Sequence 5, Application US/09218950
Patent No. 6284240
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/218, 950
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-218-950-5

Query Match 100.0%; Score 2029; DB 3; Length 462;
Best Local Similarity 100.0%; Pred. No. 1,3e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVEFPHLLVLTOLALLPAATQGNKVVLLGKKGDTVELTCTASOKKSIOFHMKNNSQIK 60
DB 1 MNRGVEFPHLLVLTOLALLPAATQGNKVVLLGKKGDTVELTCTASOKKSIOFHMKNNSQIK 60
QY 61 ILGNQSPFLTKGSPKINDRADSRSLMDQGNPLIINKLIEDSDTYICEVEDQKEVOL 120
DB 61 ILGNQSPFLTKGSPKINDRADSRSLMDQGNPLIINKLIEDSDTYICEVEDQKEVOL 120
QY 121 LVFGLTANSDTHLLQOSLTLTLESPGSSPSVQCSPPGKNTQGGKTLSVSQLEODSG 180
DB 121 LVFGLTANSDTHLLQOSLTLTLESPGSSPSVQCSPPGKNTQGGKTLSVSQLEODSG 180
QY 181 TWCTCTVLOQKVEFFIDIVLAFQKASSIVYKKEGEVFFPLAFTVEKLTGSGELMW 240
DB 181 TWCTCTVLOQKVEFFIDIVLAFQKASSIVYKKEGEVFFPLAFTVEKLTGSGELMW 240
QY 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPDKLQMGKKLPLHLTLPLPOLPYAGSGNLTTLA 300
DB 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPDKLQMGKKLPLHLTLPLPOLPYAGSGNLTTLA 300
QY 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSTLKNKEAKVSKREKRVWV 360
DB 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSTLKNKEAKVSKREKRVWV 360
QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394

RESULT 8

US-08-394-388A-5
Sequence 5, Application US/08394388A
Patent No. 6753162
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-394-388A-5

Query Match 100.0%; Score 2029; DB 4; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.3e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNRGVPFRHLILVLQALIPATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
DB 1 NNRGVPFRHLILVLQALIPATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
QY 61 IIGNGSFLTKGPSKINDRSDRSIMDQGNPPLIKNIKIBSDTYICEVEDQKEEYVL 120
DB 61 IIGNGSFLTKGPSKINDRSDRSIMDQGNPPLIKNIKIBSDTYICEVEDQKEEYVL 120
QY 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180
DB 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180
QY 181 TWTCVYLQNKQKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240
DB 181 TWTCVYLQNKQKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240
QY 241 QABRASSSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPGALPOYAGSNLTLA 300
DB 241 QABRASSSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPGALPOYAGSNLTLA 300
QY 301 LEAKTGKHOEVNLYVMRATOLQKNLTCEWGPSPKMLSLKLNKKAQVSKREKPVVY 360
DB 301 LEAKTGKHOEVNLYVMRATOLQKNLTCEWGPSPKMLSLKLNKKAQVSKREKPVVY 360
QY 361 LNPEAGMOCCLISDSGQVLLBSNIKVLPWSTPV 394
DB 361 LNPEAGMOCCLISDSGQVLLBSNIKVLPWSTPV 394

RESULT 9
PCT-US92-01785-5
Sequence 5, Application PC/TUS9201785
GENERAL INFORMATION:
APPLICANT: The General Hospital Corporation
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor
TITLE OF INVENTION: Chimerae
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/01785
FILING DATE: 19920306
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/119002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US92-01785-5

Query Match 100.0%; Score 2029; DB 5; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.3e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNRGVPFRHLILVLQALIPATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
DB 1 NNRGVPFRHLILVLQALIPATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
QY 61 IIGNGSFLTKGPSKINDRSDRSIMDQGNPPLIKNIKIBSDTYICEVEDQKEEYVL 120
DB 61 IIGNGSFLTKGPSKINDRSDRSIMDQGNPPLIKNIKIBSDTYICEVEDQKEEYVL 120
QY 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180
DB 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180
QY 181 TWTCVYLQNKQKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240
DB 181 TWTCVYLQNKQKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240
QY 241 QABRASSSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPGALPOYAGSNLTLA 300
DB 241 QABRASSSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPGALPOYAGSNLTLA 300
QY 301 LEAKTGKHOEVNLYVMRATOLQKNLTCEWGPSPKMLSLKLNKKAQVSKREKPVVY 360
DB 301 LEAKTGKHOEVNLYVMRATOLQKNLTCEWGPSPKMLSLKLNKKAQVSKREKPVVY 360
QY 361 LNPEAGMOCCLISDSGQVLLBSNIKVLPWSTPV 394
DB 361 LNPEAGMOCCLISDSGQVLLBSNIKVLPWSTPV 394

RESULT 10
PCT-US95-00454-5
Sequence 5, Application PC/TUS9500454
GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Targeted Cytolysis of HIV-Infected
TITLE OF INVENTION: Cells by Chimeric CD4 Receptor-
TITLE OF INVENTION: Bearing Cells
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00454
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/847,566
FILING DATE: March 6, 1992
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/247001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-00454-5

Query Match 100.0%; Score 2029; DB 5; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.3e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NMRGVPFRHLVLTQALPAATQGNKVVLGKGGDTVELCTASQKSIQFHKNSNQIK 60
DB 1 NMRGVPFRHLVLTQALPAATQGNKVVLGKGGDTVELCTASQKSIQFHKNSNQIK 60
QY 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNPFLIKNLIKIDSDTYICEVEDQKEEYOL 120
DB 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNPFLIKNLIKIDSDTYICEVEDQKEEYOL 120
QY 121 LVFGLTANSDDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVSLLEQDSG 180
DB 121 LVFGLTANSDDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVSLLEQDSG 180
QY 181 TWCTCVLQKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240
DB 181 TWCTCVLQKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240
QY 241 QAERASSSKSWITFDLKNKEVSVKRVTODPKLQMGKKPLHLTLPOALPOYAGSGNLTLA 300
DB 241 QAERASSSKSWITFDLKNKEVSVKRVTODPKLQMGKKPLHLTLPOALPOYAGSGNLTLA 300
QY 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLENKEAKVSKREKPVVW 360
DB 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLENKEAKVSKREKPVVW 360
QY 361 LNPEAGMOCCLSDSGQVLLBSNINIKVLPWSTPVP 394
DB 361 LNPEAGMOCCLSDSGQVLLBSNINIKVLPWSTPVP 394

RESULT 11
US-08-417-495-6
Sequence 6, Application US/08417495
Patent No. 5843728
GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Redirection of Cellular Immunity by Chimeras
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/417,495
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/203,866
FILING DATE:
APPLICATION NUMBER: US/07/847,566
FILING DATE:
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/119002
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-417-495-6

Query Match 100.0%; Score 2029; DB 2; Length 532;
Best Local Similarity 100.0%; Pred. No. 1.6e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NMRGVPFRHLVLTQALPAATQGNKVVLGKGGDTVELCTASQKSIQFHKNSNQIK 60
DB 1 NMRGVPFRHLVLTQALPAATQGNKVVLGKGGDTVELCTASQKSIQFHKNSNQIK 60
QY 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNPFLIKNLIKIDSDTYICEVEDQKEEYOL 120
DB 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNPFLIKNLIKIDSDTYICEVEDQKEEYOL 120
QY 121 LVFGLTANSDDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVSLLEQDSG 180
DB 121 LVFGLTANSDDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVSLLEQDSG 180
QY 181 TWCTCVLQKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240
DB 181 TWCTCVLQKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240
QY 241 QAERASSSKSWITFDLKNKEVSVKRVTODPKLQMGKKPLHLTLPOALPOYAGSGNLTLA 300
DB 241 QAERASSSKSWITFDLKNKEVSVKRVTODPKLQMGKKPLHLTLPOALPOYAGSGNLTLA 300
QY 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLENKEAKVSKREKPVVW 360
DB 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLENKEAKVSKREKPVVW 360
QY 361 LNPEAGMOCCLSDSGQVLLBSNINIKVLPWSTPVP 394
DB 361 LNPEAGMOCCLSDSGQVLLBSNINIKVLPWSTPVP 394

RESULT 12
US-08-284-391B-6
Sequence 6, Application US/08284391B
Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles

APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-284-391B-6

Query Match 100.0%; Score 2029; DB 2; Length 532;
Best Local Similarity 100.0%; Pred. No. 1,66-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFPHLLVLTQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
DB 1 MNRGVFPHLLVLTQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
QY 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNPFLIINKIKIEDSDTYICEVEQKEVOL 120
DB 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNPFLIINKIKIEDSDTYICEVEQKEVOL 120
QY 121 LVFGLTANSDTHLLOQSLTLTLESPGSSPSVQCSPPRGKNIQGGKTLVSQLEIDSG 180
DB 121 LVFGLTANSDTHLLOQSLTLTLESPGSSPSVQCSPPRGKNIQGGKTLVSQLEIDSG 180
QY 181 TWTCTVLQNGKVFYKIDIVVLAFOKASSIVYKKEGBOVFSPLAFTVEKLTGSGELMW 240
DB 181 TWTCTVLQNGKVFYKIDIVVLAFOKASSIVYKKEGBOVFSPLAFTVEKLTGSGELMW 240
QY 241 QAERASSSKSWITFDLKNKEVSVRVYQDPKLGKKLPALHTLPQALPOYAGSGNITLA 300
DB 241 QAERASSSKSWITFDLKNKEVSVRVYQDPKLGKKLPALHTLPQALPOYAGSGNITLA 300
QY 301 LEAKTKLHOEVNLVVRATOLQNLTCCEWGPSPKLMSTLLENKAAVSRKEKPVWV 360
DB 301 LEAKTKLHOEVNLVVRATOLQNLTCCEWGPSPKLMSTLLENKAAVSRKEKPVWV 360
QY 361 LNPEAGMWQCLTSDSGVLLLESNIKVLPTWSTPV 394

DB 361 LNPEAGMWQCLTSDSGVLLLESNIKVLPTWSTPV 394

RESULT 13
US-09-218-950-6
Sequence 6, Application US/09218950
Patent No. 6284240
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/218,950
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-218-950-6

Query Match 100.0%; Score 2029; DB 3; Length 532;
Best Local Similarity 100.0%; Pred. No. 1,66-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFPHLLVLTQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
DB 1 MNRGVFPHLLVLTQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
QY 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNPFLIINKIKIEDSDTYICEVEQKEVOL 120
DB 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNPFLIINKIKIEDSDTYICEVEQKEVOL 120
QY 121 LVFGLTANSDTHLLOQSLTLTLESPGSSPSVQCSPPRGKNIQGGKTLVSQLEIDSG 180
DB 121 LVFGLTANSDTHLLOQSLTLTLESPGSSPSVQCSPPRGKNIQGGKTLVSQLEIDSG 180

QY 181 TWTCTVLONOKKVEFKIDIVLAFOKASSIVYKKEGOVEFSPPLAFTVEKLTGSGELMW 240
DB 181 TWTCTVLONOKKVEFKIDIVLAFOKASSIVYKKEGOVEFSPPLAFTVEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVYTOPKLOMGKKLPHLTLPOLPOYAGSGNLTTLA 300
DB 241 QABRASSSKSWITFDLKNKEVSVKRVYTOPKLOMGKKLPHLTLPOLPOYAGSGNLTTLA 300
QY 301 LEAKTGKHLQOEVLVVMRATOLQKNLTCEVWGPTSPKMLSLKLENKEAVSRKRPVWV 360
DB 301 LEAKTGKHLQOEVLVVMRATOLQKNLTCEVWGPTSPKMLSLKLENKEAVSRKRPVWV 360
QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394

RESULT 14

US-08-394-388A-6
Sequence 6, Application US/08394388A
Patent No. 6753162
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Magedat
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq, for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-394-388A-6

Query Match 100.0%; Score 2029; DB 4; Length 532;

Best Local Similarity 100.0%; Pred. No. 1,6e-168;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLVLTQLALPAATQGNKVTLGKKGDVVELTCTASOKKSIOFHKNNSQIK 60
DB 1 MNRGVFRRHLVLTQLALPAATQGNKVTLGKKGDVVELTCTASOKKSIOFHKNNSQIK 60
QY 61 ILGNQSPFLTKGSKNDNRADRSRLMDQGNPFLIKNLKIEBSPDYICEVEDOKEEVQL 120
DB 61 ILGNQSPFLTKGSKNDNRADRSRLMDQGNPFLIKNLKIEBSPDYICEVEDOKEEVQL 120
QY 121 LVFGLTANSPTDHLQGSILTLTLESPGSSPVQCSPRGKNIQGGKTLISVSLBLQDSG 180
DB 121 LVFGLTANSPTDHLQGSILTLTLESPGSSPVQCSPRGKNIQGGKTLISVSLBLQDSG 180
QY 181 TWTCTVLONOKKVEFKIDIVLAFOKASSIVYKKEGOVEFSPPLAFTVEKLTGSGELMW 240
DB 181 TWTCTVLONOKKVEFKIDIVLAFOKASSIVYKKEGOVEFSPPLAFTVEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVYTOPKLOMGKKLPHLTLPOLPOYAGSGNLTTLA 300
DB 241 QABRASSSKSWITFDLKNKEVSVKRVYTOPKLOMGKKLPHLTLPOLPOYAGSGNLTTLA 300
QY 301 LEAKTGKHLQOEVLVVMRATOLQKNLTCEVWGPTSPKMLSLKLENKEAVSRKRPVWV 360
DB 301 LEAKTGKHLQOEVLVVMRATOLQKNLTCEVWGPTSPKMLSLKLENKEAVSRKRPVWV 360
QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394

RESULT 15

PCT-US92-01785-6
Sequence 6, Application PC/TUS9201785
GENERAL INFORMATION:
APPLICANT: The General Hospital Corporation
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/01785
FILING DATE: 19920306
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/119002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein

PCT-US92-01785-6

Query Match 100.0%; Score 2029; DB 5; length 532;

Best Local Similarity 100.0%; Pred. No. 1,6e-168; Mismatches 0; Indels 0; Gaps 0;

Matches 394; Conservative 0;

QY	1	MNRGVPERHLHLVLOALPAATOGKVKVIGKKGDTVELCTASQKKSIOFHKNSNQIK	60
Db	1	MNRGVPERHLHLVLOALPAATOGKVKVIGKKGDTVELCTASQKKSIOFHKNSNQIK	60
QY	61	IIGNQGSLITKGPSKLNDRADSRSLMDQGNFPLIKNLKIEDSDTYICEVEDQKEVQL	120
Db	61	IIGNQGSLITKGPSKLNDRADSRSLMDQGNFPLIKNLKIEDSDTYICEVEDQKEVQL	120
QY	121	LVFGLTANSDTHLLOGOSLTITLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLEIODSG	180
Db	121	LVFGLTANSDTHLLOGOSLTITLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLEIODSG	180
QY	181	TWTCTVLQNOQKVEFKIDIVLAFQKASSIVYKKEGEQVEFSFPPLAFVVEKLTGSGELMW	240
Db	181	TWTCTVLQNOQKVEFKIDIVLAFQKASSIVYKKEGEQVEFSFPPLAFVVEKLTGSGELMW	240
QY	241	QAEERASSSKSWITFDLKNKEVSVKRYTQDPKIQMGKKPLHLTLPOALPOYAGSNTLTA	300
Db	241	QAEERASSSKSWITFDLKNKEVSVKRYTQDPKIQMGKKPLHLTLPOALPOYAGSNTLTA	300
QY	301	LEAKTGKLEHBEVNLVVMRATOLQKNLICEVWGFTSPKMLSLKLENKEAVSKREKPVVY	360
Db	301	LEAKTGKLEHBEVNLVVMRATOLQKNLICEVWGFTSPKMLSLKLENKEAVSKREKPVVY	360
QY	361	LNPEAGMWOCILSDSGVLLSNIKVLPTWSTPV	394
Db	361	LNPEAGMWOCILSDSGVLLSNIKVLPTWSTPV	394

Search completed: March 7, 2005, 07:22:52

Job time : 43.8407 secs